

Miami County, KS  
Well: Poss #38  
Lease Owner: RT

**Town Oilfield Service, Inc.**  
(913) 837-8400

Commenced Spudding:  
9/4/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
19	soil-clay	19
74	shale	93
32	lime	125
11	shale	136
2	lime	138
3	shale	141
2	lime	143
45	shale	188
12	lime	200
7	shale	207
35	lime	242
7	shale	249
24	lime	273
4	shale	277
4	lime	281
3	shale	284
9	lime	293
4	shale	297
6	sand	303
28	shale	331
5	sand	336
97	sandy shale	433
6	sand	439
5	sandy shale	444
17	shale	461
2	lime	463
4	shale	467
3	lime	469
3	shale	472
9	lime	481
7	shale	488
7	sand	495
3	sandy shale	498
13	shale	511
12	sand	523
4	sandy shale	527
6	sand	533
3	sandy shale	536
11	shale	547
2	lime	549





# Short Cuts

## TANK CAPACITY

BBLS. (42 gal.) equals  $D^2 \times .14 \times h$   
 D equals diameter in feet.  
 h equals height in feet.

## BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

## TO FIGURE PUMP DRIVES

- \* D - Diameter of Pump Sheave
- \* d - Diameter of Engine Sheave
- SPM - Strokes per minute
- RPM - Engine Speed
- R - Gear Box Ratio
- \*C - Shaft Center Distance

D -  $RPM \times d$  over  $SPM \times R$

d -  $SPM \times R \times D$  over RPM

SPM -  $RPM \times D$  over  $R \times d$

R -  $RPM \times D$  over  $SPM \times d$

BELT LENGTH -  $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

\* Need these to figure belt length

TO FIGURE AMPS:  $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

# Log Book

Well No. 34

Farm Poss

KS Anderson  
 (State) (County)

11 20 20  
 (Section) (Township) (Range)

For R.T. Enterprises  
 (Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East  
 Louisburg, KS 66053  
 913-710-5400

Poss Farm: Anderson County

KS State; Well No. 38

Elevation 965

Commenced Spuding 9-21 2013

Finished Drilling 9-6 2013

Driller's Name Chad Weaver

Driller's Name \_\_\_\_\_

Driller's Name \_\_\_\_\_

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Cole Holman

Tool Dresser's Name \_\_\_\_\_

Contractor's Name TOS

11 20 20

(Section) (Township) (Range)

Distance from S line, 4455 ft.

Distance from E line, 4785 ft.

3-sacks

### CASING AND TUBING RECORD

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

~~8~~" Set 23' 8" Pulled \_\_\_\_\_

6 1/4" Set \_\_\_\_\_ 6 1/4" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2 7/8" Set 732 35 2" Pulled \_\_\_\_\_  
701 30 Backble  
760 TD


Thickness of Strata	Formation	Total Depth	Remarks
19	oil/clay	19	
74	shale	93	
32	lime	125	
11	shale	136	
2	lime	138	
3	shale	141	
2	lime	143	
45	shale	188	
12	lime	200	
7	shale	207	
35	lime	242	
7	shale	249	
24	lime	273	
4	shale	277	
4	lime	281	
3	shale	284	
9	lime	293	
4	shale	297	Hardly
6	sand	303	
28	shale	331	grey, no oil
5	sand	336	
97	sandy shale	433	odor, ok show
6	sand	439	
5	sandy shale	444	odor, little oil
17	shale	461	
2	lime	463	
4	shale	467	

Thickness of Strata	Formation	Total Depth	Remarks
3	Lime	469	
3	shale	472	
9	Lime	481	
7	shale	488	
7	sand	495	
3	sandy shale	498	odor, little oil
13	shale	511	
12	sand	523	
4	sandy shale	527	little odor, + oil + bleeding
6	sand	533	
3	sandy shale	536	odor, little oil + bleeding
11	shale	547	
2	Lime	549	
2	shale	551	
1	Lime	552	
5	shale	557	
3	Lime	560	
21	shale	581	
10	Lime	591	
20	shale	611	
2	Lime	613	
2	shale	615	
2	coal	617	
6	shale	623	
3	Lime	626	
48	shale	674	
4	sand	678	odor, Brown oil sand, slightly hard





core 678

Thickness of Strata	Formation	Total Depth	Remarks
5	sand	683	Broken sand with oil *
6	Broken sand	689	no oil
1	sand	690	Black sand with <sup>little</sup> oil
2	Broken sand	692	with little oil
2	sandy shale	694	
2	shale	696	



**CONSOLIDATED**  
Oil Well Services, LLC

262117

TICKET NUMBER 42448

LOCATION Ottawa

FOREMAN Alan Maden

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/6/13	5954	Pass #58	NW 11	20	20	AW
CUSTOMER D Jenloc			TRUCK #			
MAILING ADDRESS 120 Shoreline Dr			DRIVER			
CITY Louisburg			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66053			TRUCK #			
			DRIVER			

JOB TYPE long string HOLE SIZE 3 5/8 HOLE DEPTH 760 CASING SIZE & WEIGHT 2 1/8  
 CASING DEPTH 732.33 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 701.30 Baffle  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING yes  
 DISPLACEMENT 4.1 DISPLACEMENT PSI 800 MIX PSI 200 RATE 46 bpm

REMARKS: Held meeting. Hopped to casing. Established rate. Mixed & pumped 100# gel followed by 99 GK 50150 cem. plus 2 1/2 gal. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set floor closed valve.

TDS, Chad

*Alan Maden*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085 <sup>00</sup>
5406	25	MILEAGE	368	105 <sup>00</sup>
5402	732'	casing footage	368	
5407	min	tax miles	510	368 <sup>00</sup>
6502C	2	80 UAL	370	180 <sup>00</sup>
1124	99	50150 cement		1138.50
1118B	266	gel		58.52
4402	1	2 1/2 plug		2950

SALES TAX 93.84  
ESTIMATED TOTAL 3058.36

AUTHORIZATION NO COMPANY REP  
JIM OKD

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for